

AMENDMENTS TO THE CLAIMS

Please amend the Claims as follows:

1. (Currently Amended) A synthetic construct for use as a peptide display carrier package (PDCP), said construct comprising a complex of a recombinant polynucleotide and a chimeric protein, recombinant polynucleotide chimeric protein complex wherein

i) the chimeric protein has

a) a nucleotide binding portion which comprises a binding domain of a nuclear steroid receptor; and

b) a target peptide portion, wherein

ii) said recombinant polynucleotide comprises

a) a chimeric protein chimeric protein-encoding portion which encodes the chimeric protein of the complex; and

b) a nucleotide sequence motif which is specifically bound by said nucleotide binding portion of the chimeric protein,

and wherein at least the chimeric protein-encoding portion of the recombinant polynucleotide is not bound by the chimeric protein nucleotide binding portion of the chimeric protein, and wherein the chimeric protein-encoding portion of the recombinant polynucleotide is protected by a binding moiety which is a protein able to bind non-specifically to polynucleotides irrespective of the nucleotide sequence.

2. (Canceled)
3. (Previously Amended) A construct as claimed in Claim 1, wherein the binding moiety is a viral coat protein.
4. (Previously Amended) A construct as claimed in Claim 1, wherein said target peptide portion is displayed externally on the package.
5. (Previously Amended) A construct as claimed in Claim 1 wherein said recombinant polynucleotide includes a linker sequence between the nucleotide sequence encoding the nucleotide binding portion and the nucleotide sequence encoding the target peptide portion.
6. (Previously Amended) A construct as claimed in Claim 1 wherein said recombinant polynucleotide has two or more nucleotide sequence motifs each of which can be bound by the nucleotide binding portion of the chimeric protein.
7. (Previously Amended) A construct as claimed in Claim 1 wherein said nucleotide-binding portion is a DNA binding domain of an oestrogen or progesterone receptor.
8. (Previously Amended) A construct as claimed in Claim 1 wherein said recombinant polynucleotide is bound to said chimeric protein as single stranded DNA.
9. (Previously Amended) A construct as claimed in Claim 1 wherein said target peptide portion is located at the N and/or C terminal of the chimeric protein.
10. (Previously Amended) A construct as claimed in Claim 1 which is produced in a host cell transformed with said

recombinant polynucleotide and extruded therefrom
without lysis of the host cell.

11. (Canceled)

12. (Canceled)